# **Dual Broadband Antenna**

65° 1.4 m X-polarized RET Antenna

Part Number: RA21.7750.00 Horizontal Beamwidth: 65° Gain: 15/ 18 dBi 12.9 / 15.9 dBd

Electrical Downtilt: Adjustable Connector Type: 7/16 DIN female

824-960 1710-2170 MH The Powerwave broadband antenna design is based on a patented stacked aperture-coupled patch technology, which provides high isolation performance and a wide VSWR bandwidth. The antennas have superior radiation patterns due to a unique reflector design that provides a very small variation of the -3dB horizontal beam width over the frequency band as well as a high front-to-back ratio. Powerwave broadband antennas come with manually adjustable electrical tilt (MET) for tuning flexibility of tilt angles. This design ensures the highest possible cross-polar discrimination value.



- · Excellent broad- and multi-band capabilities
- · Polarization purity maximizes diversity gain
- Excellent pattern performance and high gain over frequency
- Guaranteed passive intermodulation performance
- · Light, slim and robust design

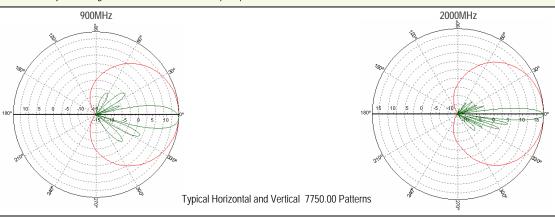


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## **Electrical Specifications**

All specifications are subject to change without notice. Please for complete performance data.



### **Mechanical Specifications**

Connector type (6 pcs)
Connector position
Dimensions, HxWxD
Weight, including brackets
Wind load, frontal, 42 m/s, Cd=1
Survival wind speed
Weatherproofing
Radome material
Radome colour

Packing size HxWxD Shipping weight including bracket kit

Mounting

7/16 DIN female

Bottom

1621mm x 280mm x 125mm (5'5.2" x 11" x 5")

19 kg (41.8 lbs) 435N (98 lbf) 70 m/s

According to T1102

GRP

Grey (RAL 7035 on all visible plastic parts) 1550mm x 355mm x 255mm (61"x14"x10")

23kg (50.6lbs)

Pre-mounted standard brackets

#### Corporate Headquarters

Powerwave Technologies, Inc. To 1801 East St. Andrew Place Santa Ana, CA 92705 USA W

Tel: 714-466-1000 Fax: 714-466-5800 www.powerwave.com Main European Office Antennvägen 6 SE-187 80 Täby

Sweden Tel: +46 8 540 822 00 Fax: +46 8 540 823 40

#### Main Asia-Pacific Office 23 F Tai Yau Building 181 Johnston Road Wanchai, Hong Kong

Tel: +852 2512 6123 Fax: +852 2575 4860

